

NEW!

Get up to a 75% rebate on a Solar Photovoltaic System for your Affordable Housing Project*

REBATES AVAILABLE NOW

What are the Benefits?

Save Money

A solar electric photovoltaic system is a good investment and can help you manage the energy costs of affordable housing.

- Protect against fluctuating electricity rates
- Lower the long-term maintenance and operating costs of affordable housing
- Install system components that will last for up to 30 years
- **Get 100% of your investment back in 4 to 12 years**
- **Add to the property value**
- **Reduce monthly electric bills for residents of affordable housing**
- Maintain the solar electric system with little to no expense



Photo Courtesy of Cooperative
Community Energy Corp.

Save the Environment

A 4 Kw solar system on your affordable housing project can reduce carbon dioxide emissions equal to that emitted by driving 12,389 miles in a car or that emitted by 3,900 pounds of burned coal.


- Use a clean, inexhaustible and readily available source of energy - the sun!
- Help increase the mainstream use of solar photovoltaics which are quiet and pollution-free
- Help reduce air pollution and global climate change
- Lower the impact on air, water and land of extracting fossil fuels

Increase Security

Solar energy is a SECURE and reliable power source.

- **Use a secure, reliable, independent source of energy**
- **Increase national security by lowering your reliance on imported fossil fuels**
- **Eliminate concerns about power outages (with battery installed)**
- **Increase energy and security by reducing peak demand**

*The California Energy Commission's Emerging Renewables Program Rebate, which includes small wind systems.

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To Be Eligible

- ☀ units must be rented or purchased by low and moderate income persons
- ☀ each unit must have its own electric utility meter and
- ☀ applicant must show that each unit has measures to reduce energy use by 10%

How to Get Solar on Your Affordable Housing Projects

1. Find a good contractor
2. Find out if you are eligible for this rebate
3. Reserve your rebate

A good contractor will be able to:

- ☀ Determine if your housing project includes a meter for each unit
- ☀ Check the site for size, solar exposure, shading and slope
- ☀ Determine the capacity of the solar system needed
- ☀ Calculate the amount of space needed (100-150 sq. ft. for each Kw of PV)
- ☀ Calculate your cost, savings, and return on your investment

The time to DO IT is NOW!

The \$4.75 a watt rebate only lasts until December, 2003 when the rebate level will decrease by \$.25 a watt every six months.

Typical Costs For Small Systems (Grid-Tied Systems Without Batteries)

Amounts shown for annual electric bills have not been adjusted for inflation.

Type of Housing	CEC Rated Kw _{PTC}	Price Before Rebate*	CEC Rebate, until Dec. = \$4.75/w	Price After CEC Rebate	Price After Tax Credits & Depreciation**	Annual Electric Bill	Payback Period	Annual Energy from System
1 BR Apt	1 Kw (1,000 watts)	\$10,000	\$4,750	\$5,250	\$2,117	~\$400	4-12 Years	1,200 Kwh/yr
3-4 BR Home	2.5 Kw (2,500 ")	\$25,000	\$11,875	\$13,125	\$5,292	~\$1,250	4-12 Years	3,000Kwh/yr

*CEC rated Kw_{PTC} = the module array (Kw_{PTC}) x inverter efficiency.

**Rebate is for contractor installed systems. Owner or self installed systems receive a rebate of 15% less than contractor installed systems but typically cost less.

***Only for businesses, this price represents savings from Federal 10% Investment Tax Credit, 15% Tax Credit, 5-Year Federal Accelerated Depreciation Savings (34% tax rate) and State Depreciation Savings (6.5% tax rate). The price represents the Final Cost in year 6 after final depreciation.

Other Resources:

California Energy Commission: www.consumerenergycenter.org
PG&E Self Generation Incentive Program: www.pge.com/selfgen
Northern California Solar Energy Association: www.norcal solar.org
SDG & E Self-Gen Programs: www.sdenergy.org/selfgen

Southern California Edison: www.sce.com
National Center for Photovoltaics: www.nrel.gov/ncpv
SoCalGas Company: www.socalgas.com



PV rebates are subject to all other ERP Program Requirements.
For current program requirements, funding and eligibility, contact the California Energy Commission (800/555-7794; renewable@energy.state.ca.us)

